

**FORM  
INSP**Rev  
X/15**State of Colorado  
Oil and Gas Conservation Commission**1120 Lincoln Street, Suite 801, Denver, Colorado 80203  
Phone: (303) 894-2100 Fax: (303) 894-2109

Inspection Date:

11/22/2017

Submitted Date:

11/29/2017

Document Number:

682403059**FIELD INSPECTION FORM**

Loc ID 452914	Inspector Name: Binschus, Chris	On-Site Inspection <input type="checkbox"/>	2A Doc Num: _____	<b>Status Summary:</b> <input type="checkbox"/> THIS IS A FOLLOW UP INSPECTION <input checked="" type="checkbox"/> FOLLOW UP INSPECTION REQUIRED <input type="checkbox"/> NO FOLLOW UP INSPECTION REQUIRED
<b>Operator Information:</b> OGCC Operator Number: <u>10110</u> Name of Operator: <u>GREAT WESTERN OPERATING COMPANY LLC</u> Address: <u>1801 BROADWAY #500</u> City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>				<b>Findings:</b> <u>11</u> Number of Comments <u>1</u> Number of Corrective Actions <input checked="" type="checkbox"/> Corrective Action Response Requested

**Contact Information:**

Contact Name	Phone	Email	Comment
,		cogccinspections@gwogco.com	<a href="#">All Inspections</a>
Housey, Melissa		melissa.housey@state.co.us	

**Inspected Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
452909	WELL	XX	11/05/2017		001-10090	B-Farm LD 18-039HC	CI
452910	WELL	XX	11/05/2017		001-10091	B-Farm LD 18-037HC	CI
452911	WELL	XX	11/05/2017		001-10092	B-Farm LD 18-036HN	CI
452912	WELL	XX	11/05/2017		001-10093	B-Farm LD 18-394HNX	CI
452913	WELL	XX	11/05/2017		001-10094	B-Farm LD 18-392HC	CI
452915	WELL	XX	11/05/2017		001-10095	B-Farm LD 18-034HN	CI
452916	WELL	XX	11/05/2017		001-10096	B-Farm LD 18-393HN	CI
452917	WELL	XX	11/05/2017		001-10097	B-Farm LD 18-392HN	CI
452920	WELL	XX	11/06/2017		001-10098	B-Farm LD 18-034HC	CI

**General Comment:**

This is a Construction and Stormwater Inspection in response to Form 42: Notice of construction- Document #401451360.

**Location Construction**

Location ID: 452914 CDP: \_\_\_\_\_

**Comment:** Upon inspection on November 22, 2017, COGCC staff observed the Operator had constructed a location with substantive modifications to the approved Form 2A (Document # 401088795). The total disturbance area was measured from the outermost disturbance which was the ditch BMP around the entire perimeter of the location. Based on the data collected in the field, using a Trimble handheld GPS unit, the disturbance encompassed approximately 22.33 acres, exceeding the permitted surface disturbance of 13.99 acres by 60%. This issue is being forwarded onto OGLA staff for further review. Refer to the attached inspection photos for more detail.

**Corrective Action:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Form 2A COAs:**

**Comment:** \_\_\_\_\_

**Corrective Action:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Wildlife BMPs:**

**Comment:** \_\_\_\_\_

**Corrective Action:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Comment:** \_\_\_\_\_

**Corrective Action:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**On Site Inspection (305):**Surface Owner Contact Information:

Name: \_\_\_\_\_ Address: \_\_\_\_\_

Phone Number: \_\_\_\_\_ Cell Phone: \_\_\_\_\_

Operator Rep. Contact Information:

Landman Name: \_\_\_\_\_ Phone Number: \_\_\_\_\_

Date Onsite Request Received: \_\_\_\_\_ Date of Rule 306 Consultation: \_\_\_\_\_

Request LGD Attendance: \_\_\_\_\_

LGD Contact Information:

Name: \_\_\_\_\_ Phone Number: \_\_\_\_\_ Agreed to Attend: \_\_\_\_\_

Summary of Landowner Issues:

\_\_\_\_\_

Summary of Operator Response to Landowner Issues:

\_\_\_\_\_

Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:

\_\_\_\_\_

Inspected Facilities				
Facility ID: <u>452909</u>	Type: <u>WELL</u>	API Number: <u>001-10090</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>452910</u>	Type: <u>WELL</u>	API Number: <u>001-10091</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>452911</u>	Type: <u>WELL</u>	API Number: <u>001-10092</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>452912</u>	Type: <u>WELL</u>	API Number: <u>001-10093</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>452913</u>	Type: <u>WELL</u>	API Number: <u>001-10094</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>452915</u>	Type: <u>WELL</u>	API Number: <u>001-10095</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>452916</u>	Type: <u>WELL</u>	API Number: <u>001-10096</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>452917</u>	Type: <u>WELL</u>	API Number: <u>001-10097</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>452920</u>	Type: <u>WELL</u>	API Number: <u>001-10098</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>

**Reclamation - Storm Water - Pit****Interim Reclamation:**

Date Interim Reclamation Started: \_\_\_\_\_ Date Interim Reclamation Completed: \_\_\_\_\_

Land Use: IRRIGATED

Comment: \_\_\_\_\_

**1002 SITE PREPARATION AND STABILIZATION**

1002a. FENCING \_\_\_\_\_

Comment \_\_\_\_\_

Corrective Action \_\_\_\_\_

Date \_\_\_\_\_

1002b. SOIL REMOVAL AND SEGREGATION \_\_\_\_\_ In \_\_\_\_\_

Comment Appears the Operator may have still been in-process of topsoil salvage operations during this inspection. There appeared to be topsoil stored along the southern perimeter of the location.

Corrective Action \_\_\_\_\_

Date \_\_\_\_\_

1002c. PROTECTION OF SOILS \_\_\_\_\_ In Process \_\_\_\_\_

Comment Operator shall consider both short and long-term stabilization BMPs when stabilizing all stockpiles to ensure compliance under Rule 1002.c.

Per Rule 1002, all stockpiles shall be protected from degradation due to contamination, compaction and, to the extent practicable, from wind and water erosion during drilling and production operations. Per Rule 1002, BMPs to prevent weed establishment and to maintain soil microbial activity shall be implemented.

Corrective Action \_\_\_\_\_

Date \_\_\_\_\_

1002E. SURFACE DISTURBANCE MINIMIZATION \_\_\_\_\_

Comment \_\_\_\_\_

Corrective Action \_\_\_\_\_

Date \_\_\_\_\_

1003a. Waste and Debris removed? \_\_\_\_\_

Comment \_\_\_\_\_

Corrective Action \_\_\_\_\_

Date \_\_\_\_\_

Unused or unneeded equipment onsite? \_\_\_\_\_

Comment \_\_\_\_\_

Corrective Action \_\_\_\_\_

Date \_\_\_\_\_

Pit, cellars, rat holes and other bores closed? \_\_\_\_\_

Comment \_\_\_\_\_

Corrective Action \_\_\_\_\_

Date \_\_\_\_\_

Guy line anchors marked? \_\_\_\_\_

Comment \_\_\_\_\_

Corrective Action \_\_\_\_\_

Date \_\_\_\_\_

1003b. Area no longer in use? \_\_\_\_\_ Production areas stabilized ? \_\_\_\_\_

1003c. Compacted areas have been cross ripped? \_\_\_\_\_

1003d. Drilling pit closed? \_\_\_\_\_ Subsidence over on drill pit? \_\_\_\_\_

Cuttings management: \_\_\_\_\_

1003e. Areas no longer needed for drilling or subsequent operations for have been re-vegetated to 80% of pre-existing? \_\_\_\_\_

Production areas have been stabilized? \_\_\_\_\_ Segregated soils have been replaced? \_\_\_\_\_

**RESTORATION AND REVEGETATION**Cropland

Top soil replaced \_\_\_\_\_ Recontoured \_\_\_\_\_ Perennial forage re-established \_\_\_\_\_

Non-Cropland

Top soil replaced \_\_\_\_\_ Recontoured \_\_\_\_\_ 80% Revegetation \_\_\_\_\_

## 1003e. INTERIM VEGETATION TRANSECT

TRANSECT RESULTS OF DISTURBED AREA% \_\_\_\_\_

TRANSECT RESULTS OF REFERENCE AREA% \_\_\_\_\_

TOTAL % OF DESIRABLE VEGETATION COVER \_\_\_\_\_

VEGETATIVE COVER \_\_\_\_\_

1003 f. Weeds Noxious weeds? \_\_\_\_\_

Comment \_\_\_\_\_

Corrective Action \_\_\_\_\_ Date \_\_\_\_\_

Overall Interim Reclamation

**Final Reclamation/ Abandoned Location:**

Date Final Reclamation Started: \_\_\_\_\_ Date Final Reclamation Completed: \_\_\_\_\_

Final Land Use: IRRIGATED \_\_\_\_\_

Reminder: \_\_\_\_\_

Comment: \_\_\_\_\_

Well plugged \_\_\_\_\_ Pit mouse/rat holes, cellars backfilled \_\_\_\_\_

Debris removed \_\_\_\_\_ No disturbance /Location never built \_\_\_\_\_

Access Roads \_\_\_\_\_ Regraded \_\_\_\_\_ Contoured \_\_\_\_\_ Culverts removed \_\_\_\_\_

Gravel removed \_\_\_\_\_

Location and associated production facilities reclaimed \_\_\_\_\_ Locations, facilities, roads, recontoured \_\_\_\_\_

Compaction alleviation \_\_\_\_\_ Dust and erosion control \_\_\_\_\_

Non cropland: Revegetated 80% \_\_\_\_\_ Cropland: perennial forage \_\_\_\_\_

Weeds present \_\_\_\_\_ Subsidence \_\_\_\_\_

## 1004.d. FINAL VEGETATION TRANSECT

TRANSECT RESULTS OF DISTURBED AREA% \_\_\_\_\_

TRANSECT RESULTS OF REFERENCE AREA% \_\_\_\_\_

TOTAL % OF DESIRABLE VEGETATION COVER \_\_\_\_\_

VEGETATIVE COVER \_\_\_\_\_

Comment: \_\_\_\_\_

Corrective Action: \_\_\_\_\_ Date \_\_\_\_\_

Overall Final Reclamation \_\_\_\_\_ Well Release on Active Location ☐ Multi-Well Location ☐

**Storm Water:**

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
Rip Rap	Pass					Inlet/outlet of culverts
Culverts	Pass					
Silt Fences	In Process					southwest corner was taken down
		Tracking Pad	Pass			
Ditches	In Process					southwest and southeast need improvements

**Comment:** Operator has installed silt fence BMP, except along the southeastern and southwest portion of the location, in conjunction with a ditch BMP around the perimeter of the location. Silt fence has been installed along portions of the downgradient slope of the access road. However, Operator needs to install additional BMPs along the access road next to the north culvert to protect sediment discharge into the wetland (see Photos 5 & 7). Operator needs to improve and implement BMPs along a portion of the southeastern and southwest perimeter of the location (see Photos 14 & 16). See COGCC Comments section for additional stormwater management information.

**Corrective Action:** Corrective Action #1: Install or repair required BMPs per Rule 1002.f. along the access road next to the north culvert by 12/6/2017 (see Photos 5 & 7). Corrective Action #2: Operator needs to improve and implement BMPs along a portion of the southeastern and southwest perimeter by December 27, 2017 (see Photos 14 & 16).

**Date:** 12/06/2017

**Pits:** ☐ NO SURFACE INDICATION OF PIT

**COGCC Comments**

Comment	User	Date
Operator shall install more permanent BMPs upon the completion of the construction operations in accordance with good engineering practices to control stormwater runoff in a manner that minimizes erosion, transport of sediment offsite, and site degradation (i.e., some form of a stabilized outlet device like a sediment trap).	binschusc	11/29/2017
BMPs shall be maintained at all times until the facility is abandoned and final reclamation is achieved pursuant to Rule 1004.	binschusc	11/29/2017

**Attached Documents**

You can go to COGCC Images (<https://cogcc.state.co.us/weblink/>) and search by document number:

Document Num	Description	URL
401471564	INSPECTION SUBMITTED	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4313258">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4313258</a>
682403061	Inspection Photos	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4313257">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4313257</a>